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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/634,995	08/06/2003	Yoshihiro Ueno	43890-630	7488

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 WASHINGTON, DC 20005-3096

EXAMINER

BLOUIN, MARK S

ART UNIT	PAPER NUMBER
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2653

DATE MAILED: 02/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/634,995	UENO ET AL.	
	Examiner	Art Unit	
	Mark Blouin	2653	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>8/6/05</u> . | 6) <input type="checkbox"/> Other: ____. |

Detailed Action

Drawings

1. Figures 6,7, and 8 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). Corrected drawings in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.121(d)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-10 are rejected under 35 U.S.C. 102(e) as being anticipated by Kuwajima et al (USPN 6,751,064).

4. Regarding Claim 1, Kuwajima et al shows (Figs. 1-3), a disk drive apparatus comprising a recording medium rotatably supported, rotation means for rotating the recording medium (12), a supporting arm (2) having a head (1) facing the recording medium, the supporting arm being rotatable about a bearing section (9) in a direction perpendicular to a recording face of the

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recording medium, radial driving means for one of rotating and linearly moving the supporting arm in a radial direction of the recording medium, and a ramp (110) for vertically moving the supporting arm between the bearing section and the head while the supporting arm one of rotates and linearly moves in the radial direction of the recording medium (Figure 10 shows radial movement).

5. Regarding Claim 2, Kuwajima et al shows (Figs. 1-3), the disk drive apparatus further comprising load-applying means (11) near the bearing section, the load-applying means applying load to the supporting arm in a direction approaching the recording medium.

6. Regarding Claim 3, Kuwajima et al shows (Figs. 1-3 and 10), the disk drive apparatus wherein the ramp (110) is means for keeping the head at a standby position apart from a surface of the recording medium when the recording medium stops rotating.

7. Regarding Claim 4, Kuwajima et al shows (Figs. 1-3), the disk drive apparatus wherein the ramp (110) is means for keeping the head at a standby position by making the head contact a surface of the disk when the recording medium stops rotating.

8. Regarding Claim 5, Kuwajima et al shows (Figs. 1-3), the disk drive apparatus, wherein a slider (1) is installed on the head, and the ramp removes a contact pressure occurred by the slider contacting a surface of the recording medium (12).

9. Regarding Claim 6, Kuwajima et al shows (Figs. 1-3), the disk drive apparatus, wherein a bearing section (9) includes a pivot bearing (10) having a pair of protrusions (11a, 11b) contacting the supporting arm, and a point where the protrusions of the pivot bearing and the supporting arm contact is a center of gravity of the supporting arm (Col 5, line 32-40).

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10. Regarding Claims 7 and 8, Kuwajima et al shows (Fig. 10), the disk drive apparatus, wherein the ramp (110) is disposed at a position not interfering with the disk.

11. Regarding Claim 9, Kuwajima et al shows (Figs. 10), the disk drive apparatus, wherein the ramp (110) vertically moves the supporting arm (2) at a position outside of a lengthwise central axis of the supporting arm.

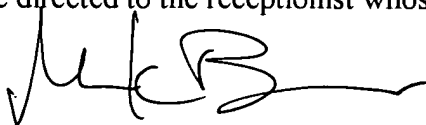
12. Regarding Claim 10, Kuwajima et al shows (Fig. 2), the disk drive apparatus, wherein a line passing a rotation center of the rotation means rotating the supporting arm in a radial direction of the recording medium and a line connecting the pair of protrusions of the pivot bearing (line fro Pa to Pb) in the bearing section cross.

Conclusion

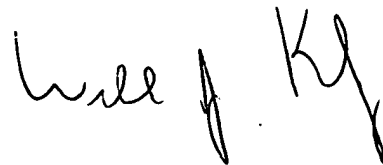
13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark Blouin whose telephone number is (703) 305-5629. The examiner can normally be reached M-F, 6:00 am – 3:30 pm.

If attempts to reach the examiner by telephone are unsuccessful the examiner's supervisor, William Korzuch can be reached at (703) 305-6137. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9314 for regular and After Final communications.

Any inquiry of general nature or relating to the status of application or proceeding should be directed to the receptionist whose telephone number is (703) 306-0377.



Mark Blouin
Patent Examiner
Art Unit 2653
January 27, 2005



WILLIAM KLIMOWICZ
PRIMARY EXAMINER